PTO/SB/05 (08-03)
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|--|---|---|--|--|--|--------------------|
| | Attorney Docket No. H000 | | | | 2 | |
| UTILITY PATENT APPLICATION | First In | First Inventor Jin K. | | | | |
| TRANSMITTAL | Title | TUNNEL JUNCTON UTILIZING GaPSb, AIGaPSb | | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Expres | xpress Mail Label No. | | | | |
| | | | MSF | Patent Ar | oplication | 0 |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application co. | ntents. | ADDRESS T | O: Com | missione Box 145 | er for Patents | U.S. PTO 7028 |
| X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. X Specification [Total Pages] 10 | 6 J | 8. Nucleotide a (if applicable a. Comp | er Program nd/or Amino , all necessa outer Readal | (Appendi Acid Sed ary) ble Form | quence Submission (CRF) | 17548 10/697 |
| (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications | | b. Specificati i. | - | | on. 2 copies); or ii. | Paper |
| Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, | | | | | ty of above copies | |
| or a computer program listing appendix - Background of the Invention | 1 | | | | PLICATION PARTS | |
| Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description | | L | | | neet & document(s)) | 3 |
| - Detailed Description - Claim(s) - Abstract of the Disclosure | | | t 3.73(b) Sta here is an a | | Power of Attorney | |
| | 2] | 11. English | Translation | Documer | nt (if applicable) | |
| 5. Oath or Declaration [Total Sheets | 2] | | ition Disclos ent (IDS)/PT | | X Copies of IDS Citations | |
| a. X Newly executed (original or copy) | | | nary Amend | | | • |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) | orior application (37 CFR 1.63(d)) Addivisional with Box 18 completed) 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | |
| DELETION OF INVENTOR(S) | | | d Copy of P n priority is cla | | cument(s) | |
| Signed statement attached deleting inventor(s) named in the prior application, | | 16. Nonput | olication Red | quest und | er 35 U.S.C. 122 (b)(2) PTO/SB/35 or its equiva |)(B)(i). alent. |
| see 37 CFR 1.63(d)(2) and 1.33(b). | | 17. Other: | | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | | | | | | |
| 18 If a CONTINUING APPLICATION, check appropriate box | , and supp | oly the requisite infor | mation belo | w and in t | the first sentence of the | 9 |
| specification following the title, or in an Application Data Shee Continuation Divisional Continuation | | | cation No.: | | | |
| Prior application information: Examiner | | | Art Unit: | | | |
| For CONTINUATION OR DIVISIONAL APPS only: The enti- under Box 5b, is considered a part of the disclosure of the ac- reference. The incorporation can only be relied upon when a | | | | | | |
| 19. CO | RRESPO | ONDENCE ADDR | ESS | | | |
| Customer Number: 00012 | | OR | X | Correspo | ndence address below | |
| Name HONEYWELL INTERNATION Andrew A. Abeyta | 1AL INC | D . | | | | |
| Address P.O. B. 2245 | | | | | | |
| | State | ate NJ Zip Code | | | | |
| | elephone | (602) 313-33 | 345 | Fa | × (602) 313-45 | 59 |
| Name (Print/Type) Song K. Jung | | Registration | No. (Attorne | ey/Agent) | 35,210 | |
| Signature Date October 31, 2003 | | | | | 03 | |
| Signature | \simeq | | | | | |

| | 16179 |
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| 3103 | U.S. PTO |

| | $\neg \tau$ | Complete if Know | | | Complete if Known | | |
|--|--------------------|------------------------|--------------|-------------|---|--|--|
| FEE TRANSMITTAL | | | ation N | lumbe | Not Yet Assigned | | |
| | | | Date | | October 31, 2003 | | |
| for FY 2004 | | | | Invent | tor Jin K. KIM | | |
| Ellective 10/01/2003, Patent fees are subject to enrural revision. | | | ner Na | _ | Not Yet Assigned | | |
| | \neg | Art Unit | | | N/A | | |
| Applicant claims amail entity status. See 37 CFR 1.27 | | | | kot NIa | 11000 1000 110 | | |
| TOTAL AMOUNT OF PAYMENT (\$) 846.00 | | Addition by bodies to | | | | | |
| METHOD OF PAYMENT (cneck all inat apply) | | | | FEE | CALCULATION (continued) | | |
| Check Card Money Other None | 3. ADDITIONAL FEES | | | | | | |
| X Deposit Account | | Enthy | Small | | | | |
| Deposit O1-1125 | Foa Code | Fee (\$) | Fee Code | Fee (S) | Fee Description Fee Pate | | |
| Number | | | 2051 | | Surcharge - late filing tee or oath | | |
| Deposit Honeywell International Inc. | 1061 | 130 | | | Surcharge - late provisional filing tee or cover | | |
| Name The Director is susherized to: (cneck of that apply) | 1052 | 50 | 2052 | 25 | sheet. | | |
| X Charge (se) indicated below X Credit any overpayments | 1053 | 130 | 1053 | 130 | Non-English specification | | |
| Crange any auditional fee(a) during the pendency of this | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ax parts reexamination | | |
| application | 1804 | 920 | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | |
| Charge tee(s) indicated below, except for the filling fee | 1805 | | 1805 | 1,840* | Requesting publication of SIR after | | |
| to the above-identified deposit account. | 1251 | 110 | 2251 | 55 | Examiner action Extension for reply within first month | | |
| FEE CALCULATION | 1251 | | 2252 | 210 | Extension for reply within second month | | |
| . BASIC FILING FEE | 1253 | | 2253 | 475 | Extension for reply within third month | | |
| Foo Foo Foo Fee Foo Description Foo Paid | 1254 | 1,480 | 2254 | 740 | Extension for ropty within fourth month | | |
| Code (\$) Code (\$) | 1255 | | 2255 | 1,005 | Extension for reply within fifth month | | |
| 1001 770 2001 385 Utility fiting fee 770.00 | 1401 | | 2401 | 165 | Notice of Appeal | | |
| 1003 530 2003 265 Plant filing fee | 1402 | | 2402 | 165 | | | |
| 1004 770 2004 385 Relassuo tiling foo | 1403 | | 2403 | 146 | | | |
| 1005 160 2005 80 Previsional (ling lea | 1451 | | 1451 2452 | 1,510 66 | Patrilon to revive - unavolgable | | |
| SUBTOTAL (1) (\$) 770.00 | 1453 | | 2453 | 665 | | | |
| | 1501 | • | 2501 | 685 | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Poo from Claims Peop Paid | 1602 | | 2502 | 240 | Dasign lasue tee | | |
| Total Claims 22 -20" - 2 x 18 = 36.00 | 1503 | 640 | 2505 | 520 | Plant issue fee | | |
| Independent 3 3 3 0 x 86 | 1460 | 067 | 1460 | 130 | Petitions to the Commissioner | | |
| Claims Multiple Dependent | 180 | 7 60 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | |
| | 180 | B 180 | 1806 | 180 | | | |
| Foo | 602 | 1 40 | 8021 | 40 | Recording each patent assignment per 40 property (times number of properties) | | |
| Code (5) Code (5) | 180 | | 2808 | 385 | Filing a submission after final rejection | | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 | | | | | Ear each additional invention to be | | |
| 1203 290 2203 145 Multiple dependent claim, it not paid | 181 | | 2810 | | examined (37CFR 1.129(b)) | | |
| 1204 86 2204 43 Telesue independent claims | 180 | 1 770 | 2801 | | Request for Continued Examination (RCE) Request for expedited examination | | |
| over original patent 1205 18 2205 9 ** Relatue cialms in excess of 20 | 180 | 2 900 | 1802 | 900 | of a dealdu application | | |
| 1206 18 2205 9 THEIRING CENTRS IN EXCESS OF 20 | Otho | or foo (sp | ocity) | | | | |
| SUBTOTAL (2) (\$) 36.00 | *Ro | duced by | Basic | Filing F | ee Paid SUBTOTAL (3) (S) 40 | | |
| or number previously paid & greater, For Releaves, see above | <u> </u> | | | | | | |
| SUBMITTED BY | T COL | later plan. | /a I | | (Complete (If applicable)) | | |
| Name (PrintType) Apphony Min 2006 | (Afro | istrátion i may/Ago | 11) 2 | 9,677 | Telephone (602) 313-5683 | | |
| Signature MI MWW VIVOTO | 77 | | | | Date 10/29/2003 | | |
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